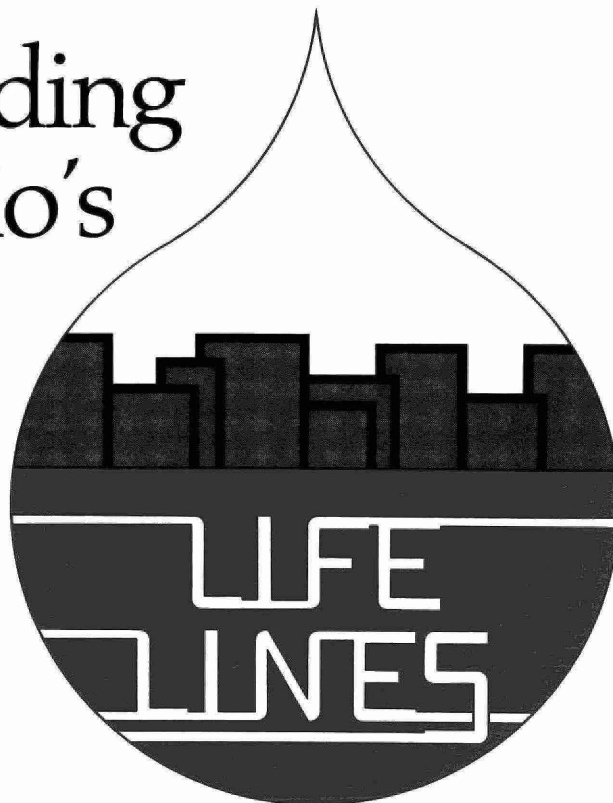




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Energy Policy Branch  
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# Rebuilding Ontario's Water and Sewer



## Grant Information



Environment  
Ontario

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# Introduction

LifeLines is a multi-year strategy designed to ensure the delivery of clean water to consumers and to protect Ontario's water quality. Under the LifeLines program, Environment Ontario offers financial assistance to municipalities to develop a plan for remedy of existing water pollution problems, and to assess and rehabilitate Ontario's water and sewer lines.

## Grants Available Under LifeLines Include:

- assistance toward the cost of completing pollution control planning studies.
- assistance toward the cost of completing needs studies.
- assistance for the rehabilitation of water distribution and/or sewage collection systems.

**NOTE** All requests for grant assistance are subject to a priority evaluation review process.

### 1.0 Pollution Control Planning Studies

To assist in the development of a water pollution control plan for a defined urban or rural area, grant assistance is available. Such studies will outline the nature, cause, and extent of pollution problems, propose alternative remedial measures and recommend an implementation program. The level of grant assistance is based on the municipal population with a minimum grant of 50% based upon the grant formula (see Section 7.1).

### 2.0 Needs Study

A needs study provides an inventory of the existing water distribution and/or sewage collection systems, identification of the deficiencies within the systems and a plan of action for a rehabilitation program. Grant assistance is based on the municipal population with a minimum grant of 50% based upon the grant formula (see Section 7.1).

### 3.0 Rehabilitation of Water Distribution and Sewage Collection Systems

For projects related to the rehabilitation, renovation, repair or replacement of existing water distribution or sewage collection systems, grant assistance is 33⅓% of the net cost of the project.

## 4.0 Procedures

The following procedures generally apply in the development of pollution control planning and needs studies and in the implementation of rehabilitation of water and sewer lines.

### 4.1 Pollution Control Planning Studies

Preliminary discussion between municipality and ministry staff to clarify pollution problems, procedures to be followed and eligibility of the project for grant assistance.

▼  
Municipality submits formal request (by Council resolution) for funding assistance, application for grant, and statements, in letter form, of problems and scope of proposed project.

▼  
Ministry reviews request and confirms eligibility for grant assistance.

▼  
Municipal/Ministry Technical Committee formed to develop Terms of Reference, to give direction to the consultant and to review study results.

▼  
Municipality retains consulting engineer to carry out Pollution Control Planning Study.

▼  
Consulting engineer submits report to Technical Committee for acceptance of report recommendations.

▼  
Implementation

### 4.2 Needs Study

Preliminary discussion between municipality and ministry staff to clarify infrastructure problems, procedures to be followed and eligibility of the project for grant assistance.

▼  
Municipality submits formal request (by Council resolution) for funding assistance, application for grant, and completed questionnaire.

▼  
Ministry reviews request and confirms eligibility for grant assistance.

▼  
Municipal/Ministry Technical Committee formed to develop Terms of Reference and to give direction to the consultant.

▼  
Municipality retains consulting engineer to carry out Needs Study.

▼  
Consulting engineer submits report to Technical Committee for acceptance of report recommendations.

▼  
Implementation

### 4.3 Implementation of Rehabilitation

Municipality submits request for funding assistance with approved needs study documentation. (Application to be made by October 1 for projects beginning in following fiscal year.)

▼  
Ministry staff reviews request and confirms eligibility for grant assistance.

▼  
Municipality obtains approval of financing for the municipal share of the cost of the works.

▼  
Municipality retains consulting engineer to carry out final design.

▼  
Municipality obtains all technical approvals.

▼  
Municipality call's tenders and awards contract(s).

▼  
On completion of construction, ministry staff carry out final evaluation of the project costs.

## 5.0 Eligibility

Eligible items are outlined as follows:

### 5.1 Planning Studies

Consulting engineering invoices covering investigations of pollution arising from discharges of sewage treatment plants, industrial waste-waters and storm sewers; combined sewer overflow or back-up; and pumping station bypasses. Study activities may include data collection; flow monitoring and sampling; model simulation; strategic planning; engineering feasibility study at conceptual stage; and cost estimation. Engineering design is *excluded* from this program.

### 5.2 Needs Studies

Eligible costs required for the needs study will include:  
Consulting engineers invoicing related to house-to-house surveys, initial flow monitoring, smoke testing and T.V. camera inspection for sanitary sewers. Consulting engineers invoicing related to initial pressure survey, flow testing, and leak detection surveys for water mains.  
Municipal expenditures associated with equipment rental and salaries for temporary staff retained solely for the needs study. Permanent staff are *excluded* from this program.

### 5.3 Implementation of Rehabilitation

Eligible items are generally those activities identified in the needs study as being necessary for a comprehensive cost effective rehabilitation program. Routine maintenance items, emergency repairs, regular inspection programs are *excluded* from this program.

Cont.

### 5.3.1 Sewers

- Relining, grouting and replacement of sanitary sewer (same size).
- Where feasible, disconnection of cross-connections between sanitary and storm sewer.
- Manhole grouting, replacement, installation of manhole lid inserts and installation of frost straps.
- Relining, grouting and replacement of service connections.
- Disconnection of roof leaders, sump pumps and foundation drains.

### 5.3.2 Watermains

- Watermain slip lining, cement lining, cathodic protection, replacement (same size), repair and insulation.
- Reconditioning or replacement of valves.
- Insulation, replacement, cathodic protection, installation of heating cables, flow metres and controlled bleeders for service connections.

## 6.0 Payment of Grants

Grant payments are normally made on the basis of requests from the municipality indicating eligible expenditures to date and a quarterly calendar projection of expenditures less a 10% hold back payable on completion.

## 7.0 Definitions

### 7.1 Grant Calculation for Studies

GRANT (% OF NET COST) =

$93.00 - (P \times 0.008)$

P = Population of the municipality.

Maximum grant = 85% where

P = 1,000 or less.

Minimum grant = 50%

### 7.2 Priority Evaluation Review

Eligibility for funding assistance is determined on the basis of a review which examines health or environmental problems which a project is designed to correct.

### 7.3 Cost Effective Review

To ensure efficient utilization of grant funding, all projects may be subject to cost effective review and grant payments will be made on the basis of the most cost effective alternative.

### 7.4 Net Costs

Ministry grants are based on a percentage of the "net" cost of a project determined after deducting any federal or other provincial government grant.

## Information

Further information and for application forms please contact one of the following Ministry offices:

Toronto Regional Office \_\_\_\_\_ (416) **424-3000**  
7 Overlea Boulevard, 4th Floor  
Toronto, Ontario  
M4H 1A8

Sudbury Regional Office \_\_\_\_\_ (705) **675-4501**  
199 Larch Street, 11th Floor  
Sudbury, Ontario  
P3E 5P9

Thunder Bay Regional Office \_\_\_\_\_ (807) **475-1205**  
P.O. Box 5000  
435 James Street South, 3rd Floor  
Thunder Bay, Ontario  
P7C 5G6

Kingston Regional Office \_\_\_\_\_ (613) **549-4000**  
P.O. Box 820  
133 Dalton Avenue  
Kingston, Ontario  
K7L 4X6

London Regional Office \_\_\_\_\_ (519) **661-2200**  
985 Adelaide Street South  
London, Ontario  
N6E 1V3

Hamilton Regional Office \_\_\_\_\_ (416) **521-7460**  
P.O. Box 2112  
119 King Street West, 12th Floor  
Hamilton, Ontario  
L8N 3Z9

Project Engineering Branch \_\_\_\_\_ (416) **323-4505**  
135 St. Clair Avenue West, 10th Floor  
Toronto, Ontario  
M4V 1P5

Water Resources Branch \_\_\_\_\_ (416) **323-4982**  
135 St. Clair Avenue West  
Toronto, Ontario  
M4V 1P5

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